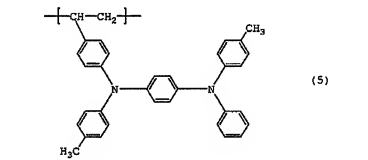
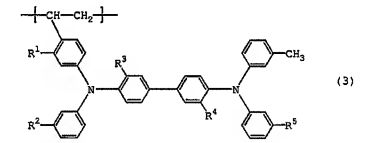
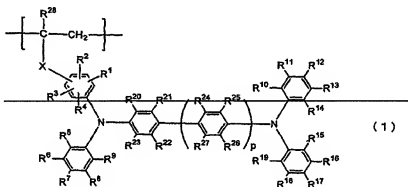


AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

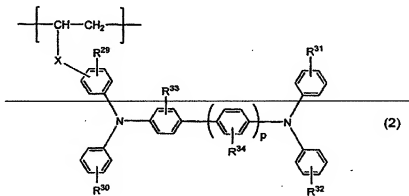
LISTING OF CLAIMS:

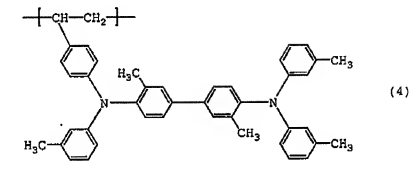
1. (currently amended): A phosphorescent polymer compound comprising a phosphorescent monomer unit and a monomer unit represented by the ~~formula (1)~~formula (3) or (5):



wherein R^1 to R^{27} independently represent a hydrogen atom or a methyl group, at least one of R^1 and R^2 is a methyl group, a halogen atom, a cyano group, an amino group, an alkyl group having 1 to 6 carbon atoms, or an alkoxy group having 1 to 6 carbon atoms, groups of R^1 to R^{19} connecting to adjacent carbon atoms in the same phenyl group may be bonded together to form a condensed ring; R^{28} represents a hydrogen atom or an alkyl group having 1 to 6 carbon atoms; X represents a single bond, an oxygen atom (O), a sulfur atom (S), SO, SO₂, NR (in which R represents a hydrogen atom, an alkyl group having 1 to 4 carbon atoms, or a phenyl group), CO, or a divalent organic group having 1 to 20 carbon atoms, the organic group may be substituted by atom or group selected from the group consisting of an oxygen atom (O), a sulfur atom (S), SO, SO₂, NR (in which R represents a hydrogen atom, an alkyl group having 1 to 4 carbon atoms, or a phenyl group), and CO; and p is 0 or 1.

2. (currently amended): The phosphorescent polymer compound according to claim 1, comprising the phosphorescent monomer unit and a monomer unit represented by the formula (2) formula (4):





wherein R^{29} to R^{34} independently represent a hydrogen atom, an alkyl group having 1 to 6 carbon atoms, or an alkoxy group having 1 to 6 carbon atoms; X represents a single bond, an oxygen atom (-O-), a sulfur atom (-S-), -SO-, -SO₂-, -NR- (in which R represents a hydrogen atom, an alkyl group having 1 to 4 carbon atoms, or a phenyl group), -CO-, or a divalent organic group having 1 to 20 carbon atoms, the organic group may be substituted by atom or group selected from the group consisting of an oxygen atom (-O-), a sulfur atom (-S-), -SO-, -SO₂-, -NR- (in which R represents a hydrogen atom, an alkyl group having 1 to 4 carbon atoms, or a phenyl group), and -CO-; and p is 0 or 1.

3. (original): The phosphorescent polymer compound according to claim 1 or 2, further comprising an electron transporting monomer unit.

4. (original): The phosphorescent polymer compound according to claim 3, wherein the electron transporting moiety in the electron transporting monomer unit is selected from the group consisting of an oxadiazole derivative, a triazole derivative, a triazine derivative, a benzoxazole derivative, an imidazole derivative and a quinolinol derivative metal complex.

5. (original): The phosphorescent polymer compound according to claim 1 or 2, wherein the phosphorescent monomer unit comprises a polymerizable group and a phosphorescent moiety, and the phosphorescent moiety is contained in a side chain of the phosphorescent polymer.

6. (original): The phosphorescent polymer compound according to claim 1 or 2, wherein the phosphorescent monomer unit comprises a transition metal complex.

7. (original): An organic light emitting device comprising one or more polymer layers interposed between an anode and a cathode, wherein at least one of the polymer layers comprises the phosphorescent polymer compound according to any one of claims 1 to 6.

8. (original): The organic light emitting device according to claim 7, comprising an anode subjected to UV ozone irradiation treatment or high-frequency plasma treatment.

9. (original): The organic light emitting device according to claim 8, wherein the high-frequency plasma treatment is performed by using a gas containing an organic substance.

10. (original): The organic light emitting device according to claim 9, wherein the gas containing an organic substance contains at least one of fluorocarbon and methane.

11. (original): The organic light emitting device according to claim 8, wherein the high-frequency plasma treatment is performed by using a gas containing at least one of oxygen and argon.